

Abstract

A pyrotechnic projectile includes a body, projectile GPS means for determining the position of the pyrotechnic projectile, a plurality of pyrotechnic sub-units disposed within the body, and ejection means responsive to the projectile GPS means. The pyrotechnic sub-units include sub-unit GPS means for determining the position of the sub-unit, and ignition means for igniting the sub-unit when the position determined by the sub-unit GPS means corresponds to a pre-selected position. The ejection means eject the plurality of sub-units from the body.